

## **SECTION 16124**

### **GALVANIZED STEEL WIRE**

#### **PART 1 - GENERAL**

##### **1.1 DESCRIPTION OF WORK**

- A.** Work Included: This Section specifies furnishing and delivery of stranded steel wire, Class C zinc-coated as shown on the Contract Drawings.

##### **1.2 REFERENCES**

- A.** Pertinent provisions of ASTM Standard A475 Zinc-Coated Steel Wire Strand shall apply to the work of this Section, except as it may be modified herein, and is hereby made a part of this Specification to the extent required. One copy of the ASTM A475 shall be furnished to the Authority for their use and permanent record.
- B.** Pertinent provisions of the Massachusetts Bay Transportation Authority "Specifications for the Purchase of Zinc-Coated Steel Wire Strand", Specification P-108B, shall apply to the work of this Section, except as it may be modified herein, and shall be included as Appendix to this Section.

##### **1.3 SUBMITTALS**

- A.** Submittals shall be in accordance with Section 01300.
- B.** The Contractor shall submit a certification to the Engineer verifying that the galvanized steel wire has been designed, manufactured, inspected and tested in accordance with the applicable portions of the referenced standards.

##### **1.4 DELIVERY, STORAGE AND HANDLING**

- A.** The wires shall be shipped on reels suitable for the weight of the wires.
- B.** Materials shall be protected against damage in ordinary handling and shipping. Each reel shall have strong, weatherproof tag securely fastened to it showing the physical and mechanical properties as well as the steel type designation, ASTM designation and the name and mark of the manufacturer, the length and weight of the wire.
- C.** Reels shall be tagged with material description, contract number, and item number from the Contract Drawings.

#### **PART 2 - PRODUCTS**

##### **2.1 MATERIALS**

- A.** Components: The zinc-coated stranded wire shall be manufactured and

tested in accordance with ASTM A475, utilities grade or high strength (HS) grade as shown on the Contract Drawings.

- B.** Performance: Physical properties of the zinc-coated stranded wire shall conform to Table 1 of ASTM A475.
- C.** Zinc Coating: The weight of coating for zinc-coated steel wire shall not be less than that specified in Table 4, under Class C of ASTM A475.

### **PART 3 - EXECUTION**

#### **3.1 INSTALLATION**

Galvanized steel wire shall be installed as part of one or more assemblies in accordance with these specifications and as shown on the Contract Drawings.

### **PART 4 - MEASUREMENT AND PAYMENT**

#### **4.1 GENERAL**

No separate measurement or payment will be made for work under this Section. All costs in connection therewith shall be considered incidental to the item of work to which it pertains.

### **END OF SECTION**